MERCK
Research Laboratories

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Dear Drs Mobley and Chodera

As you are aware, Tim Rhodes coordinates a group performing routine and in-depth measurements of physical properties, while Brad Sherborne coordinates computational chemistry support for Merck in New Jersey.

We are happy to support your proposal, "Advancing predictive physical modeling through focused development of model systems to drive new modeling innovations", as we believe that physical modeling can continue to increase its impact on pharmaceutical drug discovery and development with based on more fundamental data and benchmarks.

Herein we confirm that we would be willing to host a student from one of your labs to be collecting experimental data that would form the basis of new SAMPL physical property prediction challenges, and would provide access to the required equipment to make those measurements such as Sirius T3 (for pKa, logD and logS), automated shake-flaks measurements of logD, automated membrane permeability assays on commercially available compounds.

Yours sincerely

Tim Rhodes   Brad Sherborne